

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
 Data File : BF088693.D
 Acq On : 4 Jul 2016 14:03
 Operator : UM/SJ
 Sample : H3822-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C9-B3(0-11)C

Quant Time: Jul 05 00:51:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

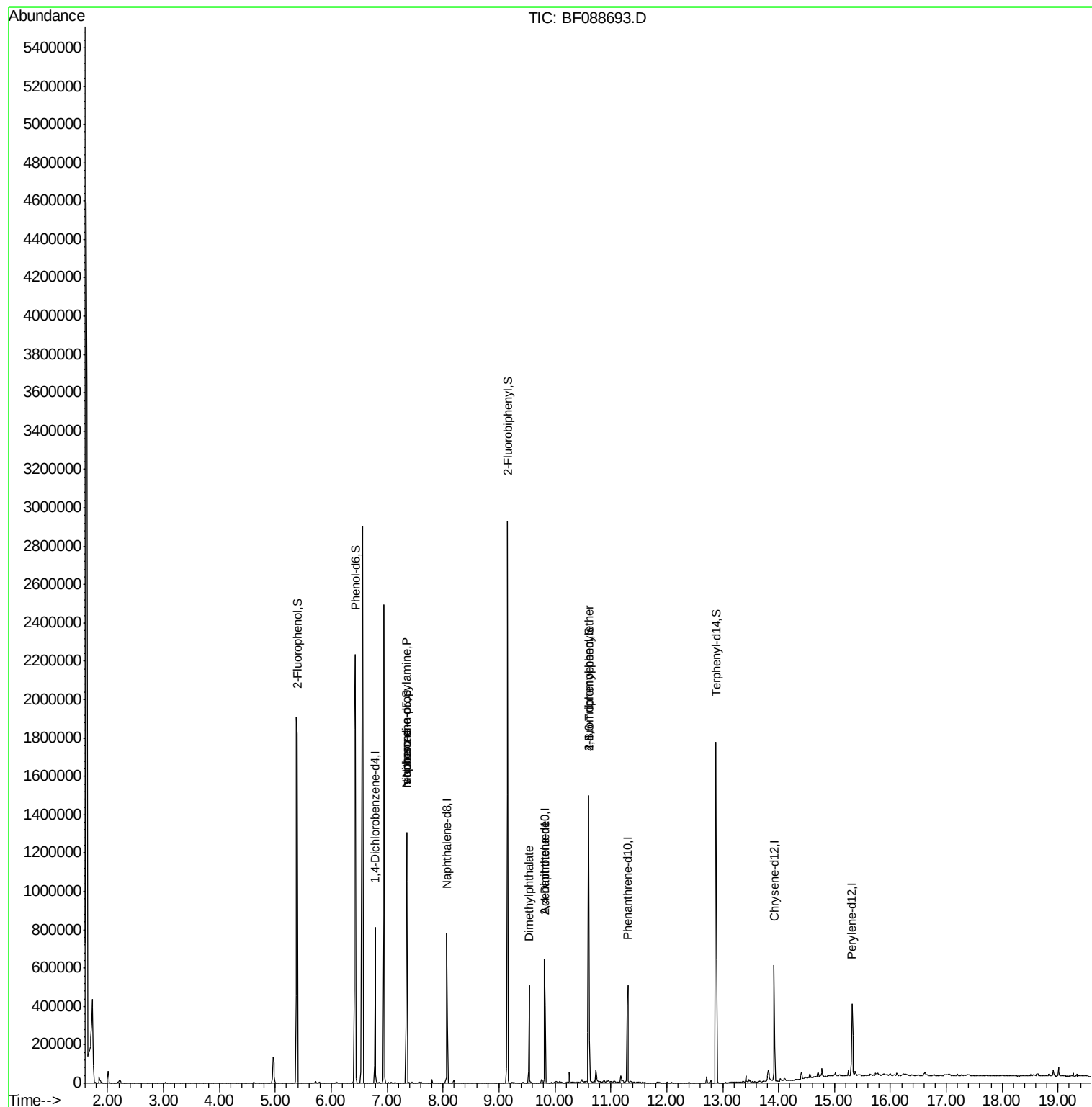
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106070	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	376215	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	149853	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	249504	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	193808	20.00	ng	-0.03
86) Perylene-d12	15.31	264	156101	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	861115	121.67	ng	-0.01
7) Phenol-d6	6.43	99	1157108	126.53	ng	-0.01
23) Nitrobenzene-d5	7.35	82	650830	90.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	149701	107.58	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1038684	109.49	ng	-0.02
78) Terphenyl-d14	12.88	244	577556	66.38	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	84911	13.82	ng	# 73
25) Isophorone	7.35	82	578681	43.52	ng	# 65
49) Dimethylphthalate	9.54	163	183832	17.22	ng	99
56) 2,4-Dinitrotoluene	9.82	165	19035	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.60	248	10215	4.06	ng	# 1

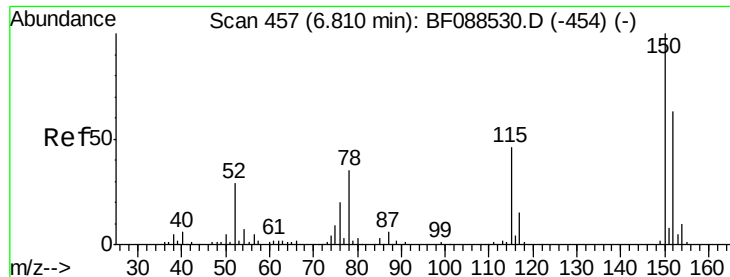
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampleId :

C9-B3(0-11)C

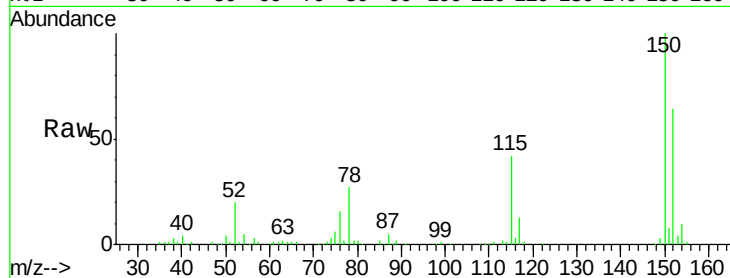
Tgt Ion:152 Resp: 106070

Ion Ratio Lower Upper

152 100

150 157.2 123.8 185.6

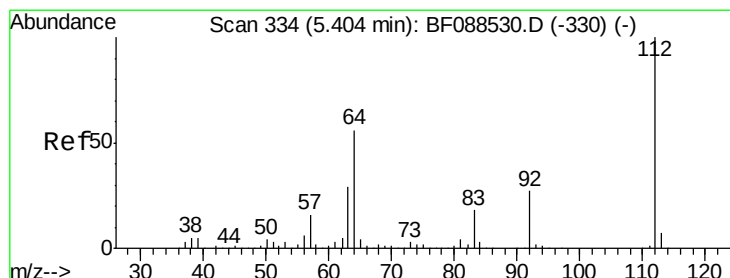
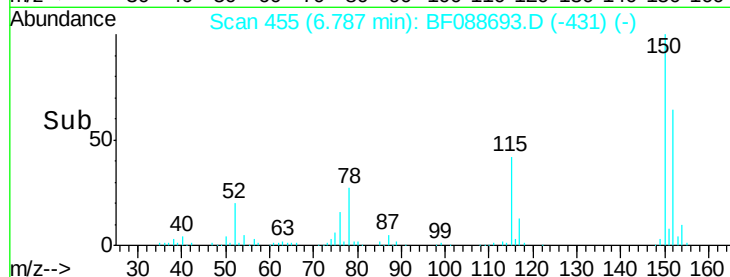
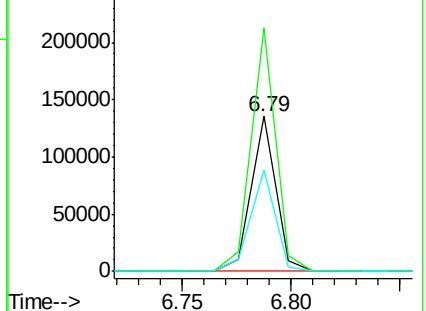
115 65.3 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 121.67 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

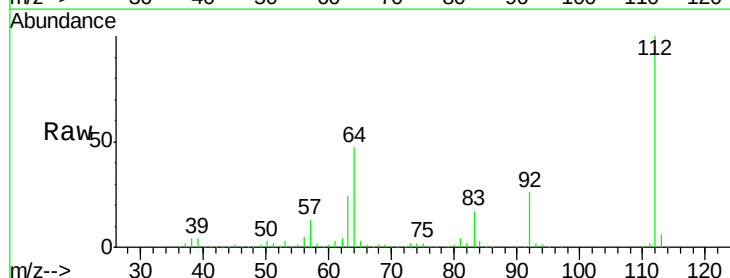
Tgt Ion:112 Resp: 861115

Ion Ratio Lower Upper

112 100

64 47.1 42.2 63.2

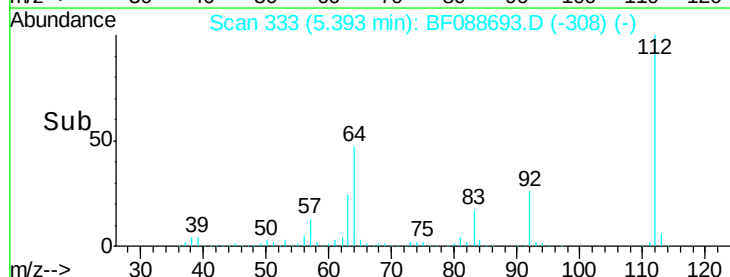
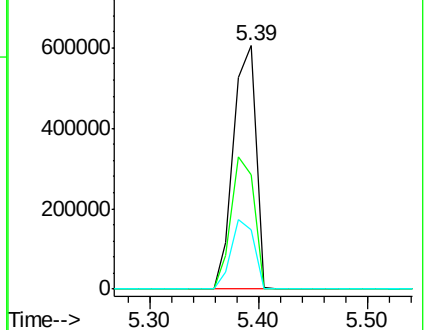
63 24.3 21.8 32.8

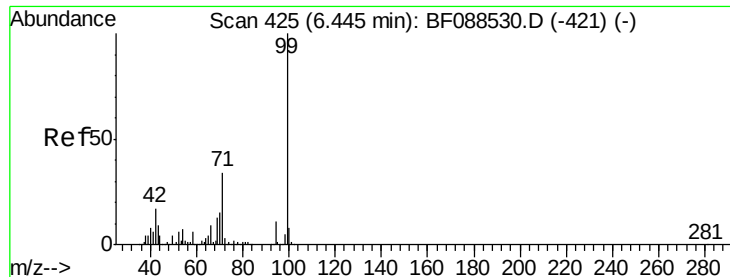


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.53 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampled :

C9-B3(0-11)C

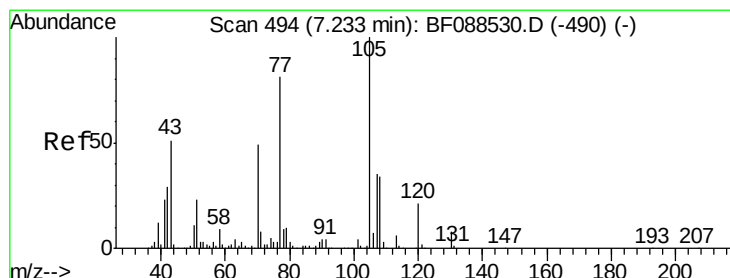
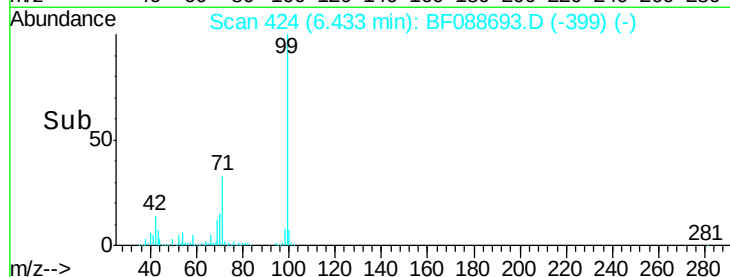
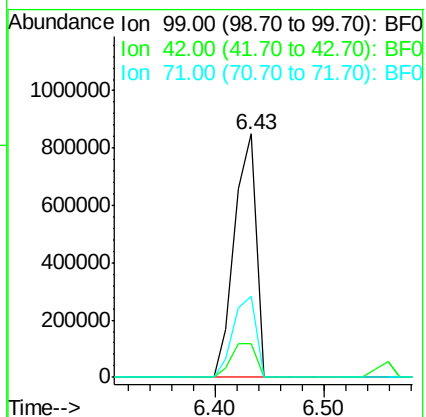
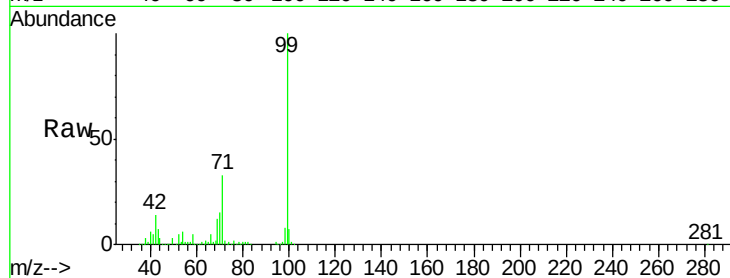
Tgt Ion: 99 Resp: 1157108

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

71 33.5 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.82 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Tgt Ion: 70 Resp: 84911

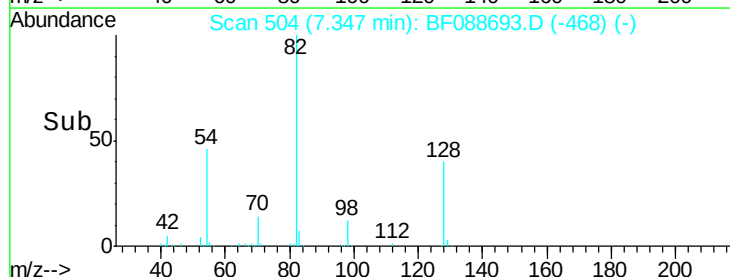
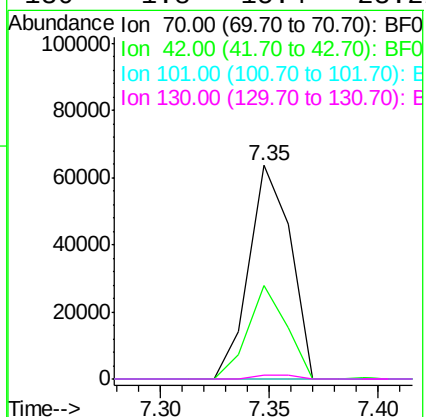
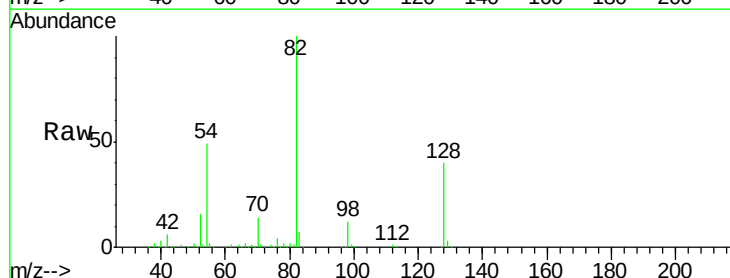
Ion Ratio Lower Upper

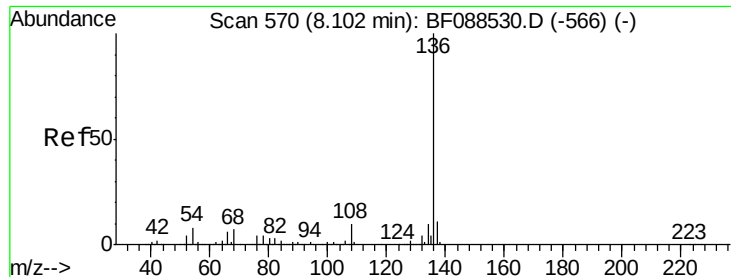
70 100

42 44.1 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

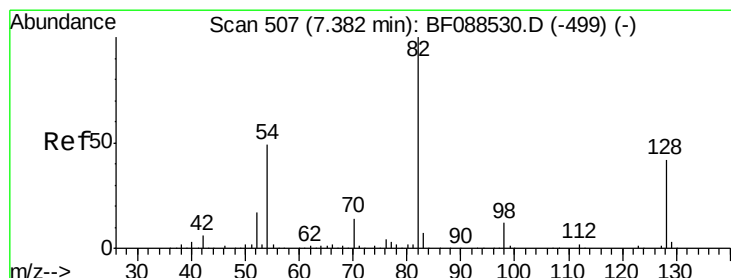
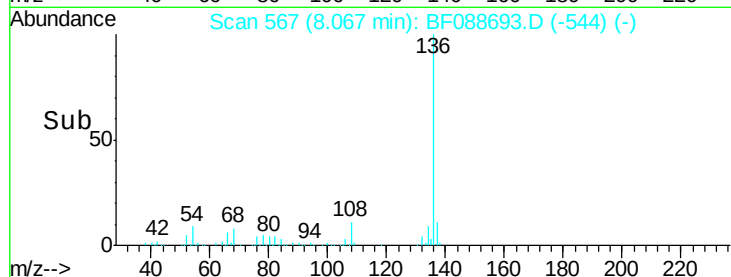
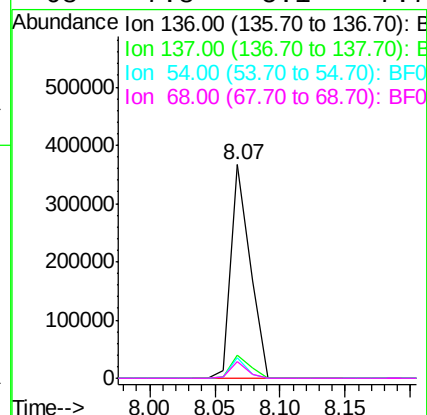
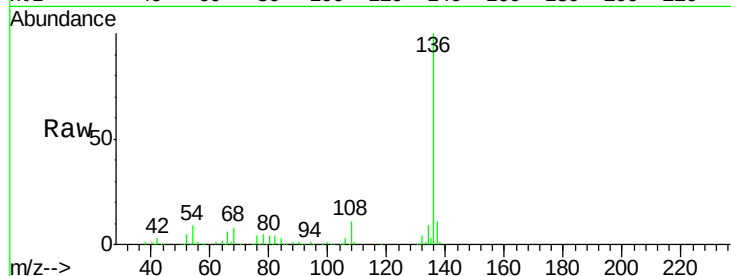




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088693.D
Acq: 4 Jul 2016 14:03

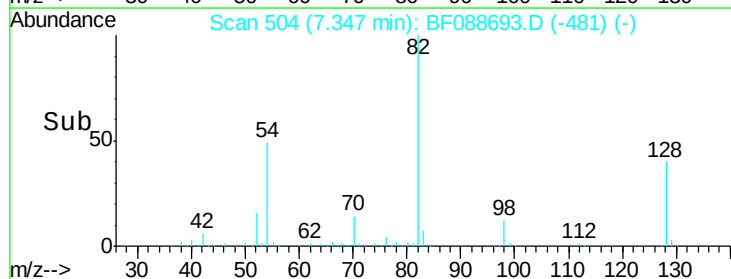
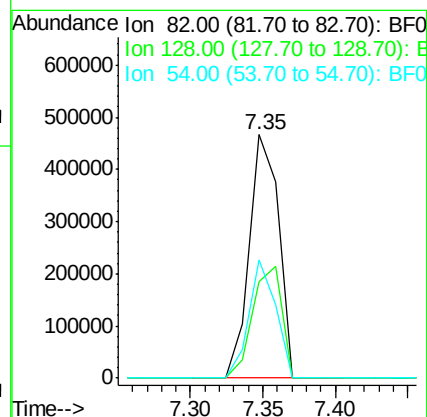
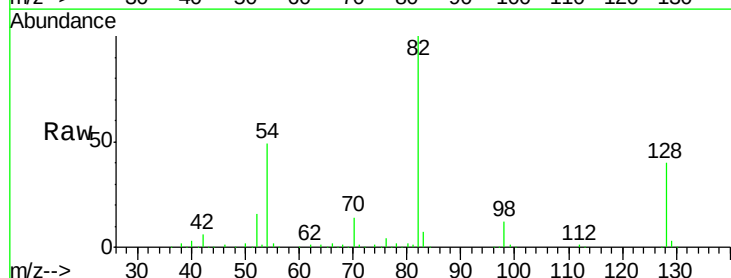
Instrument :
BNA_F
ClientSampleId :
C9-B3(0-11)C

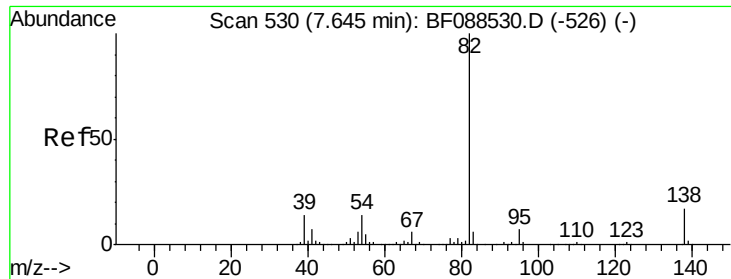
Tgt Ion:	136	Resp:	376215
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.5	6.6	10.0
68	7.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 90.66 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088693.D
Acq: 4 Jul 2016 14:03

Tgt Ion:	82	Resp:	650830
Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.9	53.9
54	48.6	40.9	61.3





#25

Isophorone

Concen: 43.52 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.30 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampleId :

C9-B3(0-11)C

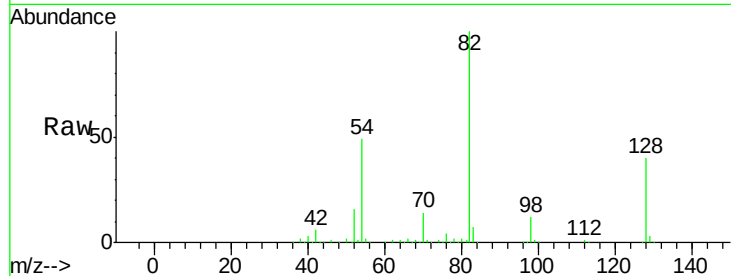
Tgt Ion: 82 Resp: 578681

Ion Ratio Lower Upper

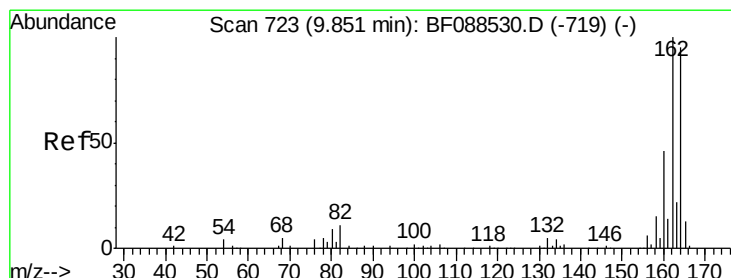
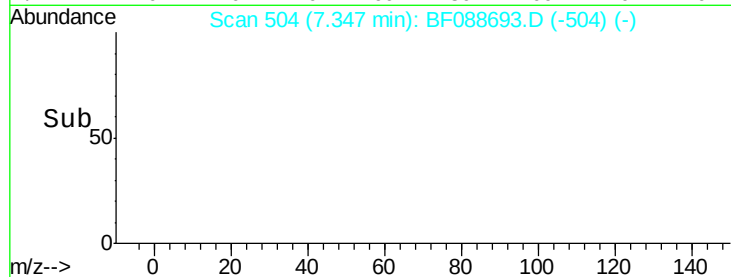
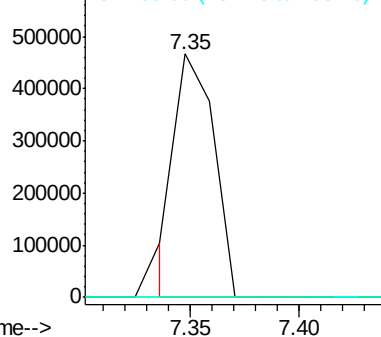
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

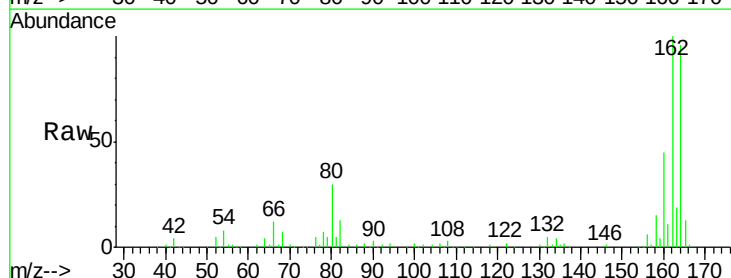
Tgt Ion: 164 Resp: 149853

Ion Ratio Lower Upper

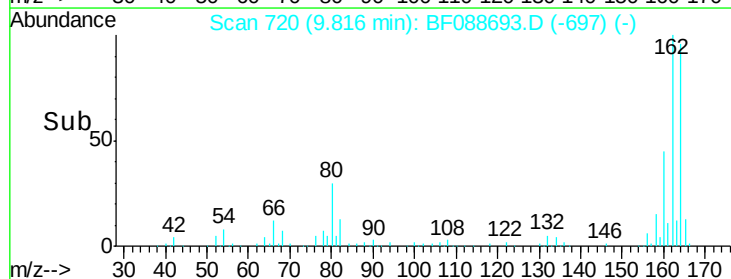
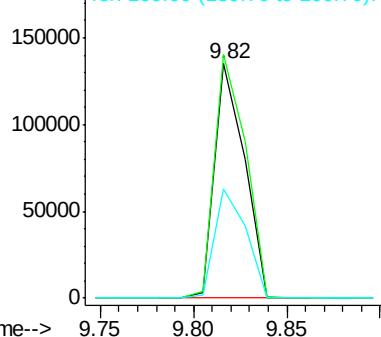
164 100

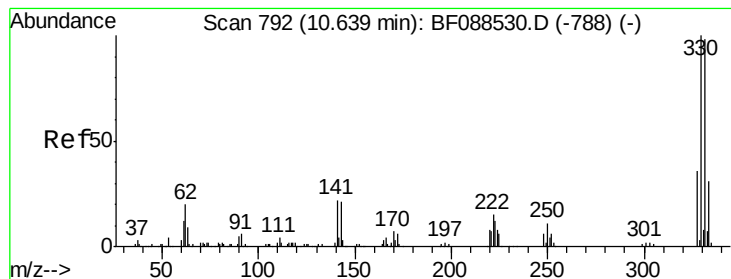
162 103.9 85.4 128.2

160 46.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

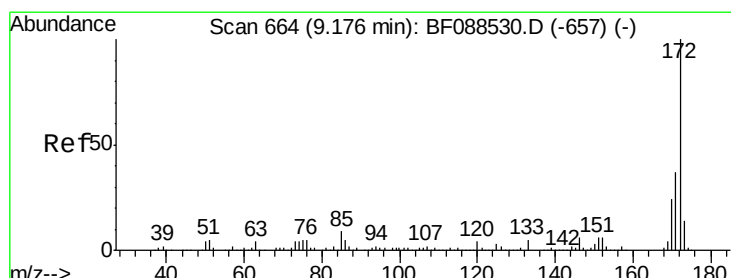
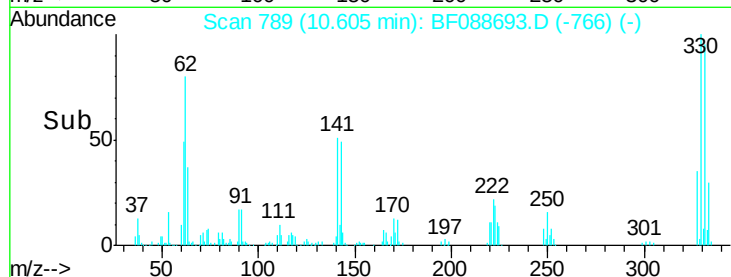
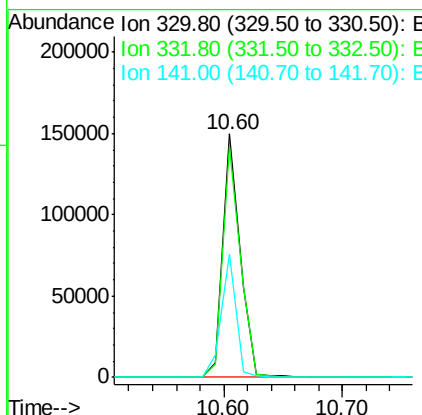
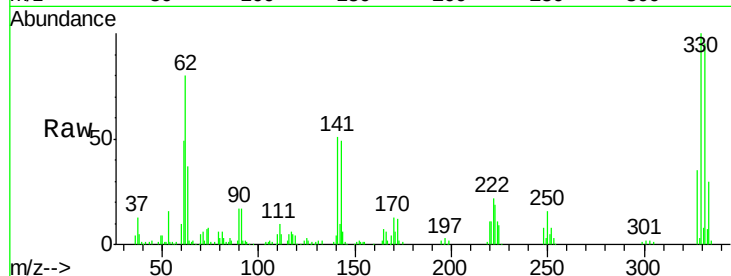




#41
 2,4,6-Tribromophenol
 Concen: 107.58 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

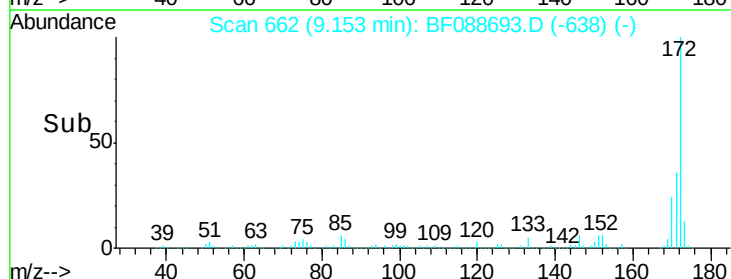
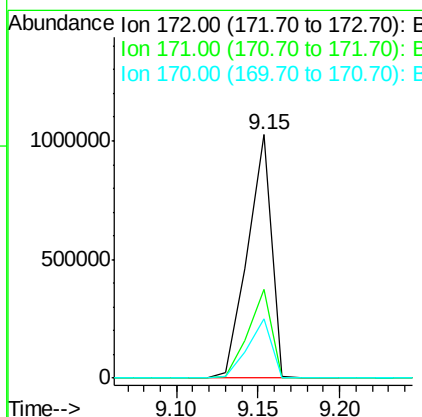
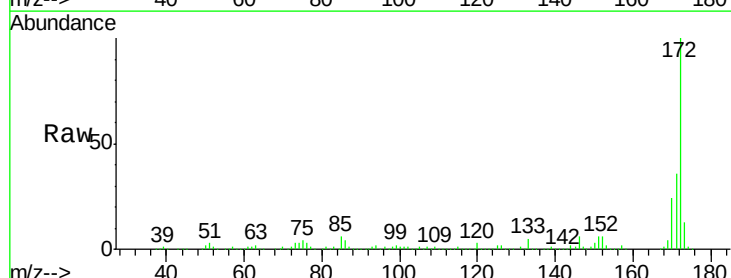
Instrument :
 BNA_F
 ClientSampleId :
 C9-B3(0-11)C

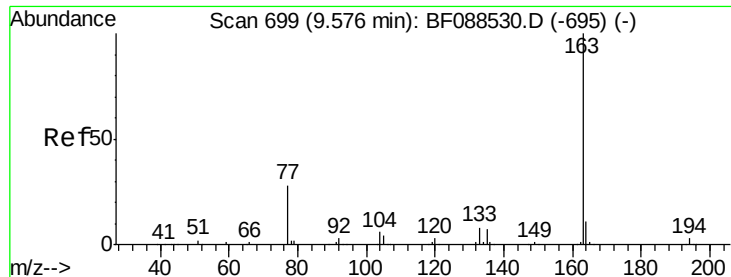
Tgt Ion:330 Resp: 149701
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 43.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 109.49 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

Tgt Ion:172 Resp: 1038684
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.2 19.2 28.8





#49

Dimethylphthalate

Concen: 17.22 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampleId :

C9-B3(0-11)C

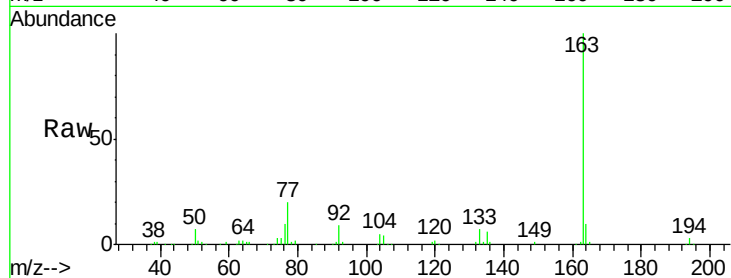
Tgt Ion:163 Resp: 183832

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

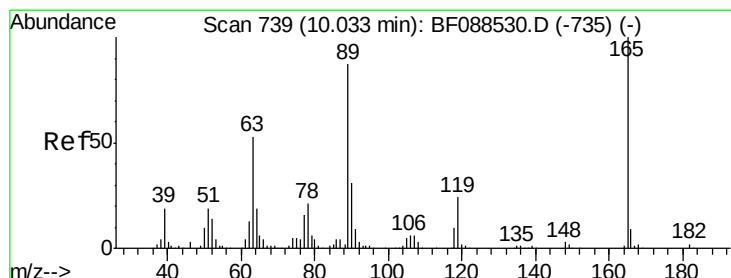
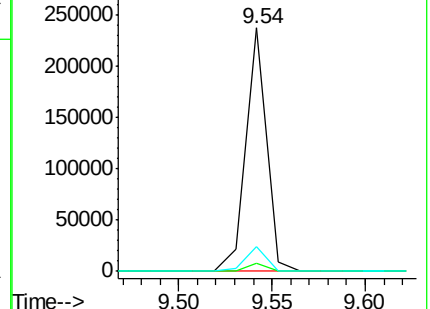
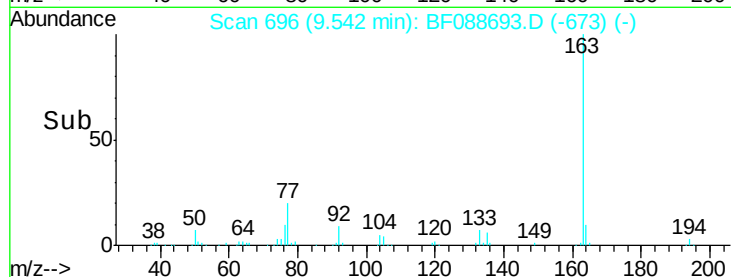
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.15 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Tgt Ion:165 Resp: 19035

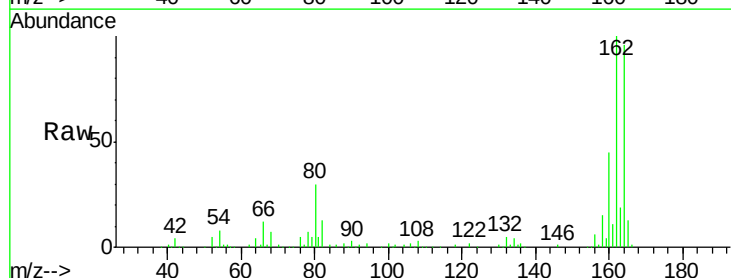
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.7 41.1 61.7#

182 0.0 2.0 3.0#

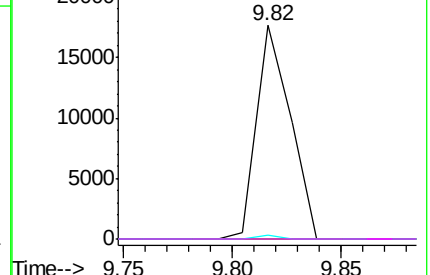
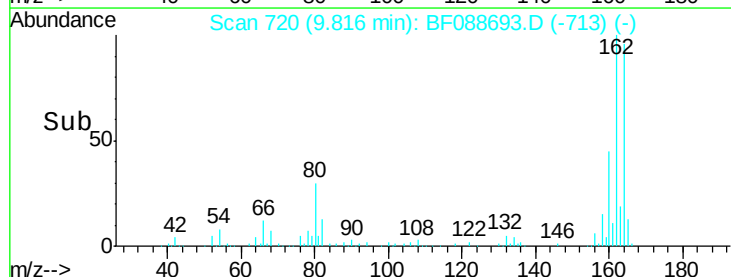


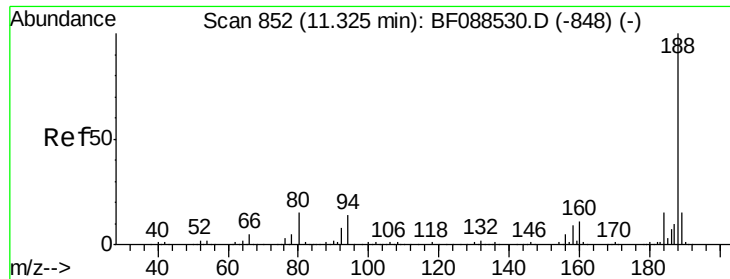
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

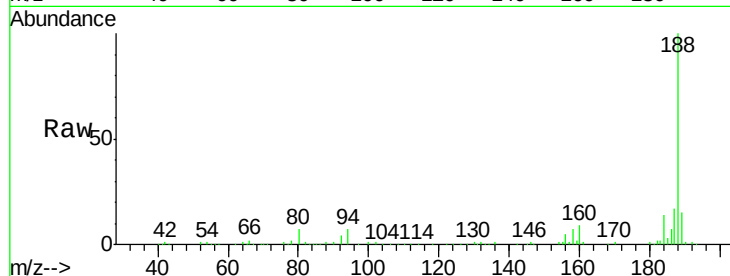




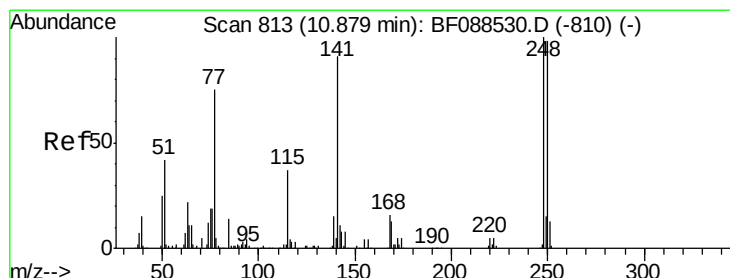
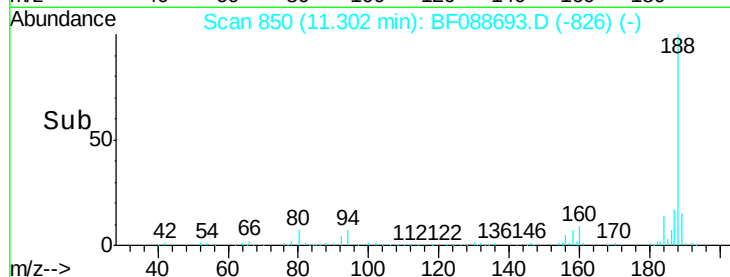
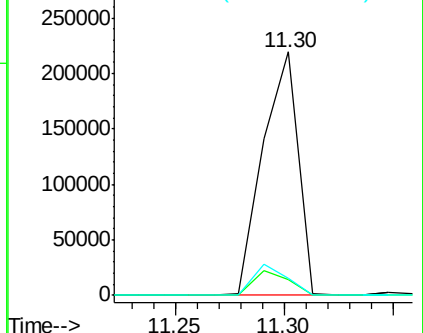
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :
 C9-B3(0-11)C

Tgt Ion:188 Resp: 249504
 Ion Ratio Lower Upper
 188 100
 94 6.7 9.0 13.6#
 80 6.9 10.0 15.0#

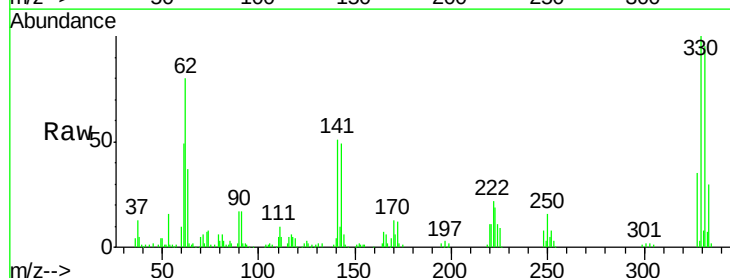


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

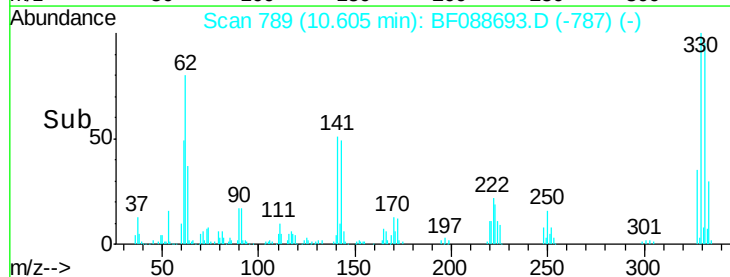
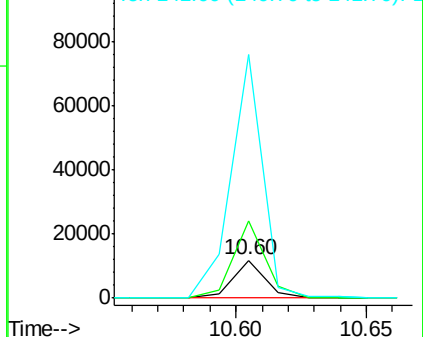


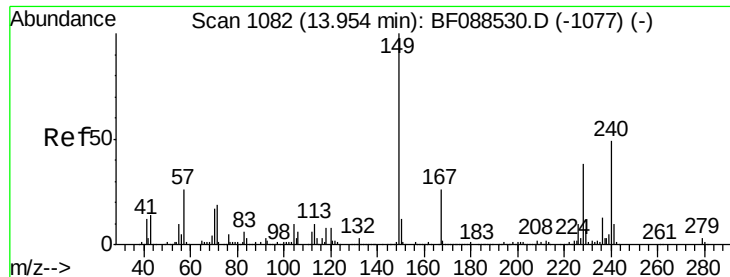
#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.27 min
 Lab File: BF088693.D
 Acq: 4 Jul 2016 14:03

Tgt Ion:248 Resp: 10215
 Ion Ratio Lower Upper
 248 100
 250 203.0 77.1 115.7#
 141 640.0 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

Instrument :

BNA_F

ClientSampleId :

C9-B3(0-11)C

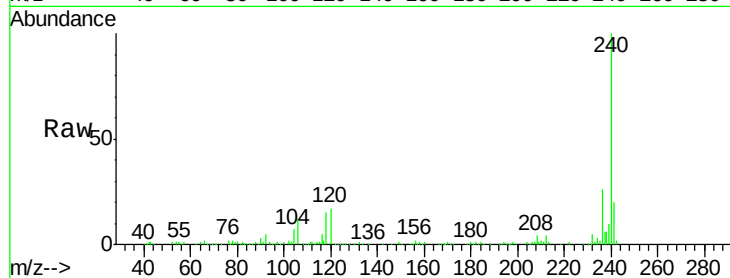
Tgt Ion:240 Resp: 193808

Ion Ratio Lower Upper

240 100

120 16.6 6.8 10.2#

236 26.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

250000

200000

150000

100000

50000

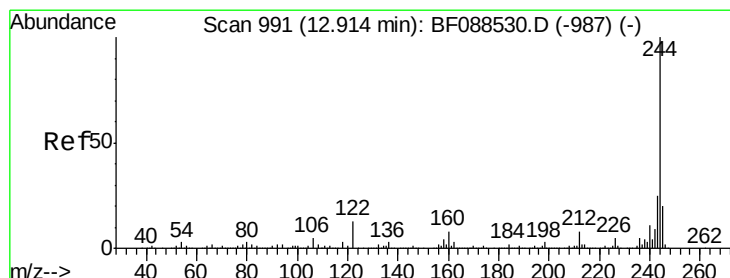
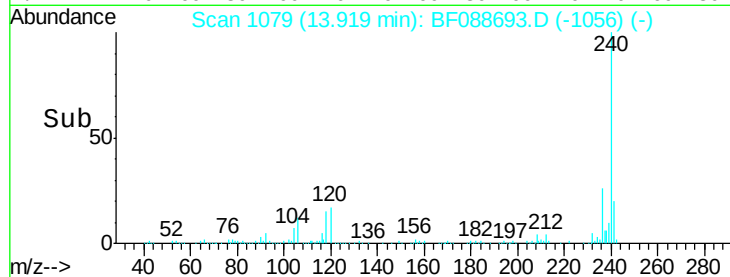
0

13.92

13.90

14.00

Time-->



#78

Terphenyl-d14

Concen: 66.38 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088693.D

Acq: 4 Jul 2016 14:03

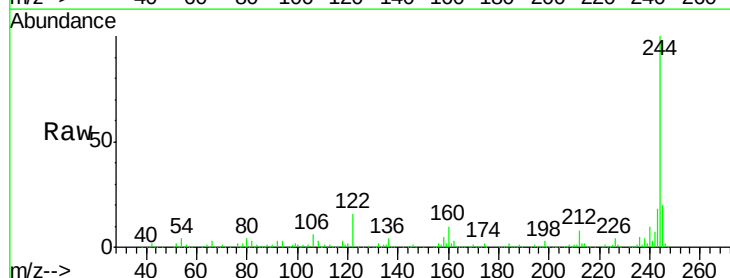
Tgt Ion:244 Resp: 577556

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 16.4 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

600000

400000

200000

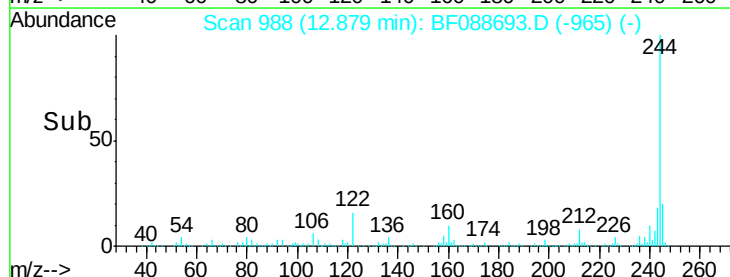
0

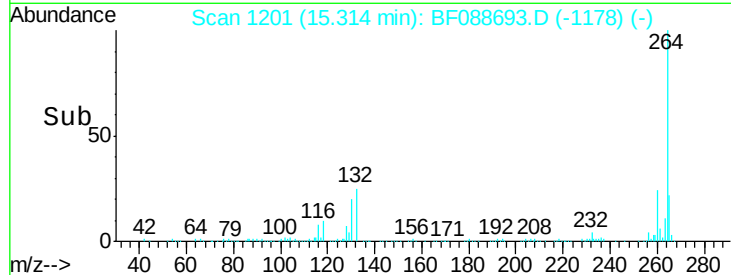
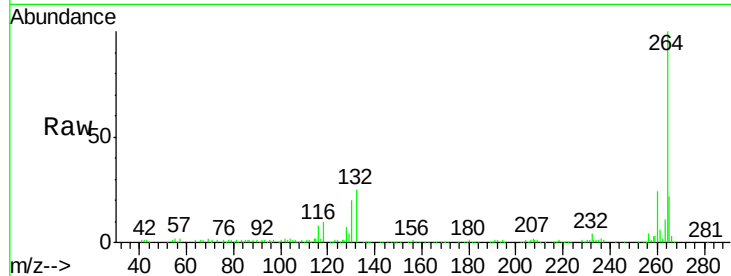
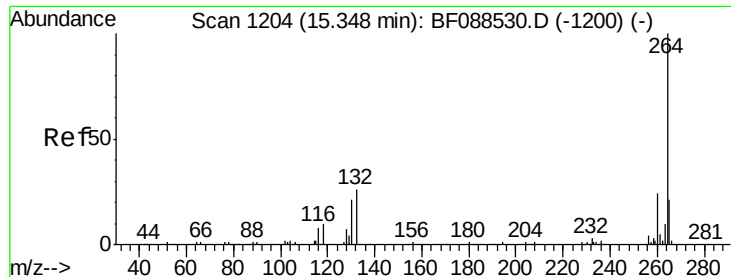
12.88

12.80

12.90

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088693.D
Acq: 4 Jul 2016 14:03

Instrument :
BNA_F
ClientSampleId :
C9-B3(0-11)C

Tgt Ion:	264	Resp:	156101
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.0	16.9	25.3

